

# SEQUENCE LISTING

<110> Glucksmann, Maria A.  
Gu, Wei

<120> 15625 Receptor, A Novel G-Protein Coupled Receptor

<130> 5800-13, 035800-171548

<140> 09/187,134

<141> 1998-11-06

<160> 5

<170> PatentIn Ver. 2.0

<210> 1

<211> 342

<212> PRT

<213> Homo sapiens

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Thr	Val	Leu	Phe	Phe	Val	Gly	Leu	Ile	Thr	Asn	Gly	Leu	Ala	Met	Arg
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Cys	Gln	Val	Thr	Ser	Val	Ile	Phe	Tyr	Phe	Thr	Met	Tyr	Ile	Ser	Ile
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Ser	Phe	Leu	Gly	Leu	Ile	Thr	Ile	Asp	Arg	Tyr	Gln	Lys	Thr	Thr	Arg
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Pro	Phe	Lys	Thr	Ser	Asn	Pro	Lys	Asn	Leu	Leu	Gly	Ala	Lys	Ile	Leu
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Ser Val Val Ile Trp Ala Phe Met Phe Leu Leu Ser Leu Pro Asn Met  
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Ile Leu Thr Asn Arg Gln Pro Arg Asp Lys Asn Val Lys Lys Cys Ser  
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Phe Leu Lys Ser Glu Phe Gly Leu Val Trp His Glu Ile Val Asn Tyr  
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Ile Cys Gln Val Ile Phe Trp Ile Asn Phe Leu Ile Val Ile Val Cys  
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Gly Val Gly Lys Val Pro Arg Lys Lys Val Asn Val Lys Val Phe Ile  
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Ile Ile Ala Val Phe Phe Ile Cys Phe Val Pro Phe His Phe Ala Arg  
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Ile Pro Tyr Thr Leu Ser Gln Thr Arg Asp Val Phe Asp Cys Thr Ala  
260 265 270

Glu Asn Thr Leu Phe Tyr Val Lys Glu Ser Thr Leu Trp Leu Thr Ser  
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Leu Asn Ala Cys Leu Asp Pro Phe Ile Tyr Phe Phe Leu Cys Lys Ser  
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Phe Arg Asn Ser Leu Ile Ser Met Leu Lys Cys Pro Asn Ser Ala Thr  
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<212> DNA

<213> Homo sapiens

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Ile	Phe	Phe	Gln	Ile	Arg	Ser	Lys	Ser	Asn	Phe	Ile	Ile	Phe	Leu	Lys	50	55	60
Asn	Thr	Val	Ile	Ser	Asp	Leu	Leu	Met	Ile	Leu	Thr	Phe	Pro	Phe	Lys	65	70	75
Ile	Leu	Ser	Asp	Ala	Lys	Leu	Gly	Thr	Gly	Pro	Leu	Arg	Thr	Phe	Val	85	90	95
Cys	Gln	Val	Thr	Ser	Val	Ile	Phe	Tyr	Phe	Thr	Met	Tyr	Ile	Ser	Ile	100	105	110
Ser	Phe	Leu	Gly	Leu	Ile	Thr	Ile	Asp	Arg	Tyr	Gln	Lys	Thr	Thr	Arg	115	120	125
Pro	Phe	Lys	Thr	Ser	Asn	Pro	Lys	Asn	Leu	Leu	Gly	Ala	Lys	Ile	Leu	130	135	140
Ser	Val	Leu	Ile	Trp	Ala	Phe	Met	Phe	Leu	Leu	Ser	Leu	Pro	Asn	Met	145	150	155
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Phe	Leu	Lys	Ser	Glu	Phe	Gly	Leu	Val	Trp	His	Glu	Ile	Val	Asn	Tyr	180	185	190
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Tyr	Thr	Leu	Ile	Thr	Lys	Glu	Leu	Tyr	Arg	Ser	Tyr	Val	Arg	Thr	Arg	210	215	220
Gly	Val	Gly	Lys	Val	Pro	Arg	Lys	Lys	Val	Asn	Val	Lys	Val	Phe	Ile	225	230	235
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<223> Description of Unknown Organism: Rhodopsin family  
transmembrane receptor

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Phe Ser Leu Phe Thr Met Pro Phe Trp Met Val Tyr Tyr Val Met Gly
          35                   40                   45

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Gly Arg Trp Pro Phe Gly Asp Phe Met Cys Arg Ile Trp Met Tyr Phe
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Ile Asp Arg Tyr Leu Trp Ala Ile Cys His Pro Met Arg Tyr Met Arg
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Trp Met Thr Pro Arg His Arg Ala Trp Val Met Ile Ile Ile Ile Trp
          100                   105                   110

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Val Met Ser Phe Leu Ile Ser Met Pro Pro Phe Leu Met Phe Arg Trp
          115                   120                   125

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Ser Thr Tyr Arg Asp Glu Asn Glu Trp Asn Met Thr Trp Cys Met Ile

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	165		170	175
Trp Arg Ile Tyr Arg Ile Ala Arg Leu Trp Met Arg Met Ile Pro Ser				
	180		185	190
Trp Gln Arg Arg Arg Arg Met Ser Met Arg Arg Glu Arg Arg Ile Val				
	195		200	205
Lys Met Leu Ile Ile Ile Met Val Val Phe Ile Ile Cys Trp Leu Pro				
	210		215	220
Tyr Phe Ile Val Met Phe Met Asp Thr Leu Met Met Trp Trp Phe Cys				
225		230		235 240
Glu Phe Cys Ile Trp Arg Arg Leu Trp Met Tyr Ile Phe Glu Trp Leu				
	245		250	255
Ala Tyr Val Asn Cys Pro Cys Ile Asn Pro Ile Ile Tyr				
	260		265	